

QT-ZEUS II Series

FULL INTEGRATION WITH QUADDRIX IP DEVICES AND
FREE NVR SOFTWARE INCLUDED FOR
LIVE VIEWING/RECORDING, E-MAP, ALARMS,
PLAYBACK, BACKUP AND MORE.



Technical Specifications



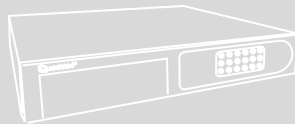
DVR **ZEUS II SATA** SERIES

Quaddrix is glad to present the new ZEUS II stand alone DVR series. The traditional Quaddrix DVR's Zeus series has evolved to become in the new Quaddrix ZEUS II DVR series improving most of its well known features to give you top performance equipment in all its versions.



Features

- **NEW Appearance**
New look (face plate and back panel)



- **H.264 Video Compression**
Zeus II DVR's incorporates H.264 which is the most advanced video compression algorithm available

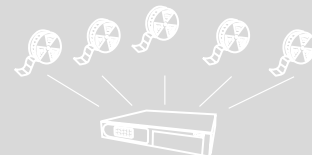
H.264



- **SATA**
The NEW Quaddrix Zeus II DVR series uses the new Serial ATA (SATA) technology for data storage, which improves the storage capacity and data transmission speed for storage and backups. With this new Quaddrix DVR you also set the DVR, make a redundant record in two or more HDD's to prevent a data missing or failure. Hibernation capabilities available.



- **Pentaplex**
Like the standard Zeus DVR's this new Zeus II can perform up to 5 tasks simultaneously like: live video, recording, playback, backup and remote access.



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• USB 2.0

The New Zeus II DVR incorporates now two new USB 2.0 ports allowing you to have more the one USB device simultaneously like mouse for control and a USB storage device for backup.



• 4CIF In All Channels

Now you can have a 4CIF recording resolution in all channels at 200~240fps.

4CIF
recording
resolution

• Real Time Live preview

Real time preview (30 Images per second) at 740x480 NTSC resolution per channel.
Real time preview (25 Images per second) at 704x576 PAL resolution per channel.



• Up to 8 HDD for Storage Capacity

In the new Zeus II DVR series you can have up to 6 SATA HDD's + CD/DVD-RW option, for video and data storage (in standard configuration)



• With *QT-DVRBRKT-8HDD*, supports 8 HDDs, without CD/DVD-RW

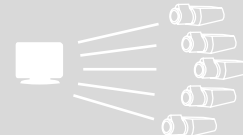
• NAS Option

With the new Zeus II DVR series you are not restricted by the physical storage capacity, this DVR gives you the option to expand the storage capacity enabling and using the NAS. (Network Attached Storage) This special function can expand as much as you like your DVR storage capacity in a secure way.



• Multiplexed Data:

The new Quaddrix Zeus II DVR series offers you the option to multiplex several video data stream and send them in one single channel, perfect for network video transmissions and for remote access live video.



• New Powerful Client Software

The Zeus II SATA series comes with a whole new built-in web server client software that provides you with new functions like e-mail and FTP notification for events and/or alarms.



• New Firmware

A new improved GUI (Graphic User Interface) firmware and remote video management software application that improves the end user experience making it easier to use providing on screen tips for the menu usage.



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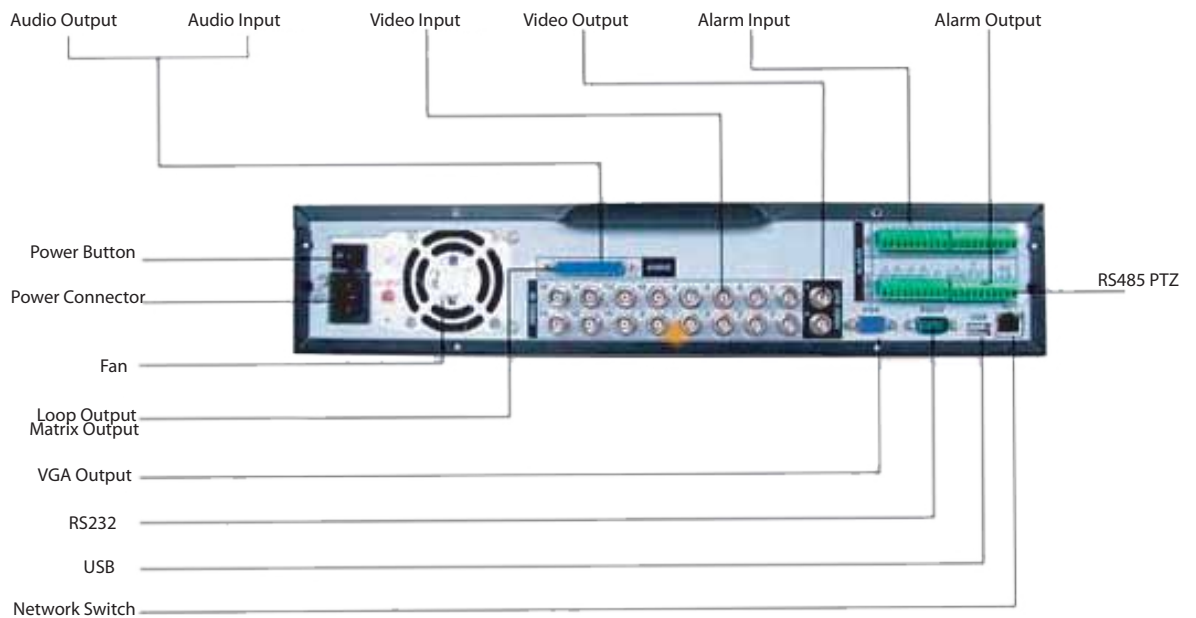
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Technical Specifications



Back Pannel



Technical Specifications

System

◦ Operatign System	Linux (Embedded)
◦ System Resources	Pentaplex
◦ User Interface	GUI (with on screen menu tips)
◦ Control Devices	DVR's front panel, Mouse, IR remote control, Network, Keyboard (not included)

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Video

◦ Video Inputs	4 / 8 / 16 channels, BNC(1.0Vp-p, 75Ω)
◦ Video Standard	NTSC (525 Line, 60f/s, PAL(625Line, 50f/s)
◦ Video Outputs	1 TV, 1 Spot, BNC(1.0Vp-p, 75Ω), 1 VGA, 1 HDMI
◦ Loop Output	4 / 8 / 16 channels
◦ Video Compression	H-264
◦ Monitor out Resolution	1280×1024, 1280×720, 1024×768, 800×600 (for spot and TV outputs)
◦ Image Resolution	D1/4CIF(704×576/704×480) HD1(352×576/352×480) 2CIF(704×288/704×240) CIF(352×288/352×240) QCIF(176×144/176×120)
Encoding Speed	Main Stream: D1/HD1/2CIF/CIF(1~25/30fps) Extra Stream: CIF/QCIF(1~25/30fps)
◦ Image Quality	1~6 levels (level 6 is the highest, enables only in VBR mode)
◦ Tour Display	Supported
◦ Display Split	1/4 for 4 channel models 1/4/9 for 8 channel models 1/4/9/16 for 16 channel models

Audio

◦ Audio Compression	G.711
◦ Audio Input	4 / 8 / 16 channels, BNC(200-2800mV, 30KΩ)
◦ Bidirectional Talk	1 channel Input, BNC(200-2800mV, 30KΩ), 1 channel Output, BNC(200-3000mV, 5KΩ)
◦ Audio Output	1 channel, BNC(200-3000mV, 5KΩ)

Display

◦ Tour Display	Supported
◦ Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera
◦ OSD	Camera title, time, video loss, camera lock, motion detection, recording

Video Management

◦ Bit Rate	32~2048Kb/s
◦ Recording Modes	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop
◦ Recording Priority	Manual >Alarm >MD >Regular



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◦ Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.
◦ Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, Spot output
◦ Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)
◦ Recording Interval	Recording, PTZ movement, Tour, Alarm, Email, Spot output
◦ Video Loss & Camera Blank	Supported
◦ Playback Channel	1/2/4/All
◦ Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)
◦ Functions Playback	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)
◦ Backup Mode	Flash drive/ USB HDD/ USB CD/DVD-RW / eSATA Device / Built-in SATA burner / Network download
◦ Hard Disk	8 SATA ports, 8 HDDs or 6 HDDs + 1 CD/DVD-RW, Max 2TB per HDD supported
◦ Space Occupation	Audio: 28.8MB/H, Video: 56~900MB/H
◦ HDD Management	Hard disk hibernation technology, HDD faulty alarm & Redundancy

Alarm

◦ Alarm Input	4 / 8 / 16 channels
◦ Relay Output	6 channels

Network and Auxiliary Interfaces

◦ Interface	RJ-45 port (10/100M)
◦ Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server
◦ Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
◦ USB Interface	2 ports, 1 for mouse control, 1 for backup
◦ eSATA	1 port
◦ RS232	For QT-MultiKB controller connection and PC communication
◦ RS485	PTZ control

Environmental

◦ Power Supply	AC 100~240 V, 50/60 Hz
◦ Power Consumption	25W for 4 channel models 30W for 8 channel models 40W for 16 channel models
◦ Working Environment	-10~+55 / 10~90%RH / 86~106kpa
◦ Dimension	2U, 440mm×460mm×89mm(W×D×H)
◦ Weight	6.5KG(without HDD)

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DVR Product Comparison Chart

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 DVR's



	Video Out	Audio Input	Talk Input	Audio Out	Loop/ Matrix	Alarm In	Alarm Out	HDD Support	CD/DVD RW Support
QT-600-04N-S	1(BNC)+1(VGA)+1(HDMI)	4(BNC)	N/A	1	4/1	4	6	6	Yes
QT-600-08N-S	2(BNC)+1(VGA)+1(HDMI)	8(BNC)	1(BNC)	1(BNC)	8/1	8	6	6	Yes
QT-600-16N-S	2(BNC)+1(VGA)+1(HDMI)	16(BNC)	1(BNC)	1(BNC)	16/1	16	6	6	Yes
* When CD/DVD RW installed only 3HDD supported									
QT-ZEUSII-04N-S-6HDD	2(BNC)+1(1VGA)+1(HDMI)	4(BNC)	1(BNC)	1(BNC)	4,1	4	6	6	Yes
QT-ZEUSII-08N-S-6HDD	2(BNC)+1(1VGA)+1(HDMI)	8(BNC)	1(BNC)	1(BNC)	8,1	8	6	6	Yes
QT-ZEUSII-16N-S-6HDD	2(BNC)+1(1VGA)+1(HDMI)	16(BNC)	1(BNC)	1(BNC)	16,1	16	6	6	Yes
QT-ZEUSII-04N-S-8HDD	2(BNC)+1(1VGA)+1(HDMI)	4(BNC)	1(BNC)	1(BNC)	4,1	4	6	8	No
QT-ZEUSII-08N-S-8HDD	2(BNC)+1(1VGA)+1(HDMI)	8(BNC)	1(BNC)	1(BNC)	8,1	8	6	8	No
QT-ZEUSII-16N-S-8HDD	2(BNC)+1(1VGA)+1(HDMI)	16(BNC)	1(BNC)	1(BNC)	16,1	16	6	8	No